

## **Amendments to the 2002 Standard Specifications Effective August 4, 2003**

Please Note: The following list is a brief overview of each revision. The actual amendment should be reviewed in depth to become completely knowledgeable of the revision.

### **Standard Specification 1-07.5(4) Air Quality**

This specification was revised by adding a requirement, during the demolition of any existing facility, that the contractor comply with the requirements of the National Emission Standards for Asbestos.

### **Standard Specification 1-07.11(10)B Required Records and Retention**

This specification was revised for consistency throughout the specifications by changing “completion” to read “final acceptance” as the beginning date for the retention of records.

### **Standard Specification Division 1-99 APWA Supplement (Local Agencies Only)**

This revision includes a revised Introduction and a revision to Section 1-04.2 of the Standard Specifications (Order of Precedence).

### **Standard Specification 5-05.3(1) Concrete Mix Design for Paving**

This section was revised to delete the requirement for the 14 day compressive strength data for use in determining a conversion factor of flexural strength to compressive strength. Now, only the 28 day compressive strength will be utilized in determining the conversion factor.

### **Standard Specification 6-02.3(25) Prestressed Concrete Girders**

This section was revised throughout by adding standard specifications for concrete tub girders and segmental prestressed concrete “I” and “tub” girders. The revised subsections throughout Section 6-02.3(25) are as follows: 6-02.3(25), 6-02.3(25)A, 6-02.3(25)B, 6-02.3(25)C, 6-02.3(25)D, 6-02.3(25)E, 6-02.3(25)F, 6-02.3(25)G, 6-02.3(25)I, 6-02.3(25)L, and 6-02.3(25)M.

### **Standard Specification 6-05.3(3) Manufacture of Precast Concrete Piling**

This specification was revised to reflect changes made to Standard Plan drawings E-4 and E-4a.

### **Standard Specification 6-07.3(1) Painting New Structures**

This Specification was revised to delete the use of Organic Primer A-11-99 under Method B as a shop applied Primer Coat. This was prompted due to the fact that inorganic primers provide us with a superior corrosion protection cover.

### **Standard Specification 6-10.3(1) Precast Concrete Barrier**

This section was revised by adding a specification for the placement of Self Compacting Concrete (SCC).

**Standard Specification 7-08.3(1)A Trenches**

This specification was revised by deleting the maximum length of trench that could be open at any one time. It also informed the contractor that the trench shall be closed up at the end of the day or protected in accordance with 1-07.23(1).

**Standard Specification 7-09.3(7) Trench Excavation**

This specification was revised by deleting the maximum length of trench that could be open at any one time. It also informed the contractor that the trench shall be closed up at the end of the day or protected in accordance with 1-07.23(1).

**Standard Specification 7-14.5 Payment**

This specification was revised by deleting all the references to 7-11.5 (as this section was deleted and combined with Section 7-09 in the April 2003 Amendment package) and replace them with the correct reference, 7-09.5.

**Standard Specification 8-09.3(3) Adhesive Preparation**

This specification was rewritten to follow the manufacturers recommendations in the placement of the new flexible bituminous pavement adhesive as specified in 9-02.1(8).

**Standard Specification 9-00.8 Sand Equivalent**

This specification was revised to change the test procedure for determining Sand Equivalent value of various aggregate materials.

**Standard Specification 9-02.1(8) Flexible Bituminous Pavement Marker Adhesive**

This specification replaced the existing specification titled “Hot Melt Traffic Button Adhesive” due to numerous button failures in recent years.

**Standard Specification 9-03 Aggregates**

This Sections was revised throughout to revise the Sand Equivalent values to reflect the new test procedure specified in Section 9-00.8. They are as follows: 9-03.4(2), 9-03.6(3), 9-03.8(2), 9-03.8(4), 9-03.9(1), 9-03.9(3), 9-03.9(4), 9-03.10, 9-03.12(2), 9-03.12(3), 9-03.14(1), and 9-03.14(2).

**Standard Specification 9-03.21(5) Steel Furnace Slag**

This is a new specification adding the use of steel furnace slag as a recycled material additive.

**Standard Specification 9-10.5 Steel Piling**

This specification was revised to allow an alternate material (ASTM A 992) for use as steel piling due to industry trends.

**Standard Specification 9-12.4 Precast Concrete Manholes**

This specification was revised by allowing fiber reinforcement at a rate of one pound per cubic foot to be included in the concrete mix design for the construction of manholes.

**Standard Specification 9-16.2(3) Wood Fence Posts and Braces**

This section was revised by clarifying the fact that western red cedar products will not require preservative treatment of any kind.

**Standard Specification 9-20.3 Acceptance**

This section was revised by revising the name of the section to “Approval, Acceptance and Submittals”. Also, it was expanded to clarify the approval and acceptance process of the concrete patching material.

**Standard Specification 9-28.8 Sheet Aluminum Signs**

This section was revised to allow the use of aluminum sheeting thickness from 0.080 to 0.125 for construction work zone signs to come in line with industry standards.

**Standard Specification 9-28.14(2) Steel Structures and Posts**

This section was revised to bring it in line with the March 2002 standard plan revision for overhead sign structures.

**Standard Specification 9-29.10(1) Cobra Head Luminaires**

This specification was revised by changing the IES to Type III in lieu of Type II to bring it in line with the conventional highway luminaire configuration.